

In the Specification:

The second paragraph of page 5 has been rewritten and now reads as follows:

B1 Further, the upgrading process results in a product that exhibits physical characteristics making it desirable for use as a synthetic base oil. Such physical characteristics include, but are not limited to, a pour point that is less than about -20°C and a viscosity index that is greater than about 100. These values for pour point and viscosity index are representative of commercially acceptable values for a lube base oil. In an embodiment, the upgraded oligomerization product exhibits a viscosity index that is greater than about 140 as determined using test method ASTM D567.

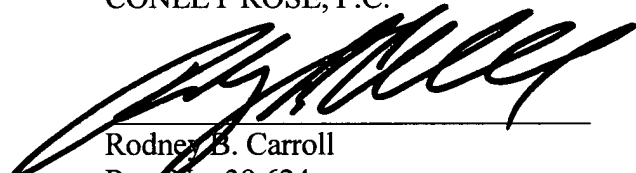
The paragraph bridging pages 6 and 7 of the specification has been rewritten and now reads as follows:

B2 The oligomerization product can comprise, consist essentially of, or consist of at least one oligomer of an olefin formed by any commonly used method of oligomerization. Alternately, the oligomerization product can comprise, consist essentially of, or consist of a co-oligomer of a first olefin and a second olefin formed by any commonly used method of co-oligomerization. In an embodiment, the oligomerization product comprises a co-oligomer of a first olefin and a second olefin, said first olefin and said second olefin each having 15 or less carbon atoms per molecule. Alternately, the oligomerization product can comprise, consist essentially of, or consist of a ter-oligomer of a first olefin, a second olefin, and a third olefin formed by any commonly used method of ter-oligomerization. Further, the oligomerization product can comprise, consist essentially of, or consist of one or more mixtures of an oligomer, co-oligomer, and ter-oligomer. Examples of suitable olefins for use in oligomerization, co-

oligomerization, or ter-oligomerization include but are not limited to: ethane, propene, butane, pentene, hexane, heptane, octane, nonene, decene, undecene, dodecene, tridecene, tetradecene, pentadecene, and any and all straight-chain (n-) and branched-chain (iso-) isomers and isomeric mixtures thereof.

The Commissioner is hereby authorized to charge payment of any fee associated with this communication to Deposit Account No. 50-1515.

Respectfully submitted,
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Date: December 12, 2002

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